<!--StartFragment-->RESULT 1
US-09-110-959A-4
; Sequence 4, Application US/09110959A
; Patent No. 6268197
; GENERAL INFORMATION:
; APPLICANT: Schulein, Martin
; APPLICANT: Outtrup, Helle
; APPLICANT: Jorgensen, Per Lina
; APPLICANT: Bjornvad, Mads Eskelund
; TITLE OF INVENTION: Alkaline Xyloglucanase
; FILE REFERENCE: 5206.200-US
; CURRENT APPLICATION NUMBER: US/09/110,959A
; CURRENT FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 0822/97
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: 1213/97
; PRIOR FILING DATE: 1997-10-24
.; PRIOR APPLICATION NUMBER: 60/054,039
; PRIOR FILING DATE: 1997-07-28
; PRIOR APPLICATION NUMBER: 60/063,694
; PRIOR FILING DATE: 1997-10-28
; NUMBER OF SEQ ID NOS: 14
;. SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
;   LENGTH: 537
;   TYPE: PRT
;   ORGANISM: Bacillus agaradhaerens NCIMB 40482
US-09-110-959A-4

   Query Match   90.1%;   Score 2768.5; DB 2; Length 537;
   Best Local Similarity   95.0%;   Pred. No. 7.4e-243;
   Matches 511; Conservative   12; Mismatches   14; Indels   1; Gaps   1;

Qy   34 EDRVSSSQVDIQSYVADMQPGWNLGNTFDAIGDDETAWGNPRVTRELIEMIADEGYKSIR 93
              || |:|||:|| ||||||||||||||||||||||: |||||||||||||||||: ||||||||||
Db   1 ED-VTSSQLDIHSYVADMQPGWNLGNTFDAVGDDETAWGNPRVTRELIKTIADEGYKSIR 59

Qy   94 IPVTWQNQMGGSPDYTINEDYIKRVEQVIDWALEEDLYVMLNVHHDSWLWMYDMEHNYDE 153
              ||||||||||||||||||||||||||| |||| ||||||||||||||||||||||||||||||||||
Db   60 IPVTWQNQMGGSPDYTINEDYINRVEQAIDWALEEDLYVMLNVHHDSWLWMYDMEHNYDE 119

Qy   154 VMARYTAIWEQLSEKFKNHSHKLMFESVNEPRFTQEWGEIQENHHAYLEDLNKTFYYIVR 213
              |||||||||||||||:|||||||||||||||||||||||||||||||||||||||||||||||||
Db   120 VMARYTAIWEQLSEKFKSHSHKLMFESVNEPRFTQEWGEIQENHHAYLEDLNKTFYYIVR 179

Qy   214 ESGGNNVERPLVLPTIETATSQDLLDRLYQTMEDLDDPHLIATVHYYGFWPFSVNIAGYT 273
              ||||||||||||||||||||||||||||||||||||||||:||||||||||||||||||||||
Db   180 ESGGNNVERPLVLPTIETATSQDLLDRLYQTMEDLDDPYLIATVHYYGFWPFSVNIAGYT 239

Qy   274 RFEQETQQDIIDTFDRVHNTFTANGIPVVLGEFGLLGFDKSTDVIQQGEKLKFFEFLIHH 333
              ||||||||||||||||||||||| |:|||||||||||||||||||||||||||||||||||
Db   240 HFEQETQQDIIDTFDRVHNTFTARGVPVVLGEFGLLGFDKSTDVIQQGEKLKFFEFLIHH 299

Qy   334 LNERDITHMLWDNGQHLKRETYSWYDQEFHDILKASWEGRSATAESNFIHVKDGEPIRDQ 393
              ||||||||||||||| |||:||||||||||||||||||||||||| ||||||:|||||
Db   300 LNERDITHMLWDNGQHFNRETYAWYDQEFHDILKASWEGRSATAESNLIHVKDGKPIRDQ 359

Qy   394 HIQLYLNGNELTALQAGDESLVLGEDYELAGDVLTLKAGILTRLITPGQLGTNAVITAQF 453
              |||||||||||||||:||||||||||||| ||||| |||||||||||||||||||||
Db   360 DIQLYLNGNELTALQAGEESLVLGEDYELAGGVLTLKADTLTRLITPGQLGTNAVITAQF 419

```
Qy      454 NSGADWRFQLQNVDVPTVENTDGSIWHFAIPTHFNGDSLATMEAVYANGEYAGPQDWTSF 513
            |||||||||||||||||||||||| |||||||||||||||||||||||||||||||||||
Db      420 NSGADWRFQLQNVDVPTVENTDGSTWHFAIPTHFNGDSLATMEAVYANGEYAGPQDWTSF 479


Qy      514 KEFGEAFSPNYATGEIIITEAFFNAVRDDDIHLTFHYWSGETVEYTLRKNGNYVQGRR 571
            |||||||||||||||||||:|||||||||||||||||||:|||||||||||||||||||
Db      480 KEFGEAFSPNYATGEIIISEAFFNAVRDDDIHLTFHFWSGETVEYTLRKNGNYVQGRR 537
```

<!--EndFragment-->